



IAP7 Rec'd PCT/PTO 13 JUL 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/533,833

Filed: May 3, 2005

1st Inventor: Masahiro Kajino

For: Receptor Regulator

Atty. Dkt. No. 3116US0P

Art Unit: tba

Examiner: tba

Allowed:

Batch:

Paper No.:

CERTIFICATE OF EXPRESS MAILING UNDER 37 CFR 1.10

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DATE IN: July 13, 2006

Itemized Papers/Items:

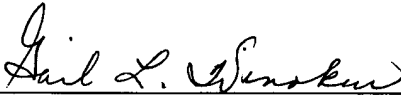
1. This Postcard and Certificate of Express Mailing (2 pages)
2. Transmittal Form (1 page) and Fee Transmittal Form (1 page x 2)
3. Petition for Extension of Time (1 page x 2)
4. Response to Notice of Missing Requirements (1 page), and copy of Notification of Missing Requirements (2 pages)
5. Copy of stamped dated postcard from USPTO indicating receipt of executed copies of Declaration and Assignment (1 page).
6. Copy of receipt of United States Postal Service indicating date of filing (page).
7. Resubmitted copy of executed Declaration (5 pages)
8. Resubmitted copy of executed Assignment (2 pages), and Recordation Cover Sheet (1 page x 2)

The undersigned hereby certifies that the above itemized papers are together being deposited with the Express Mail Post Office to Addressee service of the United States Postal Service (USPS) in an envelope with sufficient postage, having the USPS Express Mail Label No. shown above, and addressed to:

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

on this date, 7/13/06

Dated: 7/13/06


Gail L. Winokur

Takeda Pharmaceuticals North America, Inc.
Intellectual Property Department
475 Half Day Road
Lincolnshire, IL 60069 USA

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**TRANSMITTAL
FORM**

(to be used for all correspondence after initial filing)

Total Number of Pages in This Submission

21

Application Number

10/533,833

Filing Date

May 3, 2005

First Named Inventor

Masahiro Kajino

Art Unit

tba

Examiner Name

tba

Attorney Docket Number

3116 USOP

ENCLOSURES (Check all that apply)

Fee Transmittal Form



Fee Attached



Amendment/Reply



After Final



Affidavits/declaration(s)



Extension of Time Request



Express Abandonment Request



Information Disclosure Statement



Certified Copy of Priority Document(s)

Reply to Missing Parts/
Incomplete ApplicationReply to Missing Parts
under 37 CFR 1.52 or 1.53

Drawing(s)



Licensing-related Papers



Petition

Petition to Convert to a
Provisional Application

Power of Attorney, Revocation



Change of Correspondence Address



Terminal Disclaimer



Request for Refund



CD, Number of CD(s) _____



Landscape Table on CD



After Allowance Communication to TC

Appeal Communication to Board
of Appeals and InterferencesAppeal Communication to TC
(Appeal Notice, Brief, Reply Brief)

Proprietary Information



Status Letter

Other Enclosure(s) (please identify
below):Return Postcard;
Certificate of Express Mailing;
Stamped return postcard; receipt of USPS;
Previously submitted Declaration and Assignment
Copy of Notice**Remarks**The Commissioner is authorized to charge any appropriate fees or credit any overpayment to
Applicant's USPTO Deposit Account No. 500799.**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name

Signature

Printed name

Mark Chao, Ph.D., JD

Date

7/13/06

Reg. No.

37,293

CERTIFICATE OF TRANSMISSION/MAILINGI hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with
sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on
the date shown below: **EXPRESS**

Signature

Gail L. Winokur

Typed or printed name

Gail L. Winokur

Date

7/13/06

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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<p>Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).</p> <h2 style="text-align: center;">FEE TRANSMITTAL</h2> <h3 style="text-align: center;">For FY 2006</h3> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>		<p style="text-align: center;">Complete if Known</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Application Number</td> <td>10/533,833</td> </tr> <tr> <td>Filing Date</td> <td>May 3, 2006</td> </tr> <tr> <td>First Named Inventor</td> <td>Masahiro Kajino</td> </tr> <tr> <td>Examiner Name</td> <td>tba</td> </tr> <tr> <td>Art Unit</td> <td>tba</td> </tr> <tr> <td>Attorney Docket No.</td> <td>3116 USOP</td> </tr> </table>		Application Number	10/533,833	Filing Date	May 3, 2006	First Named Inventor	Masahiro Kajino	Examiner Name	tba	Art Unit	tba	Attorney Docket No.	3116 USOP
Application Number	10/533,833														
Filing Date	May 3, 2006														
First Named Inventor	Masahiro Kajino														
Examiner Name	tba														
Art Unit	tba														
Attorney Docket No.	3116 USOP														
<p>TOTAL AMOUNT OF PAYMENT (\$) 120.00</p>															

METHOD OF PAYMENT (check all that apply)

☐ Check
 ☐ Credit Card
 ☐ Money Order
 ☐ None
 ☐ Other (please identify): _____

☒ Deposit Account
 Deposit Account Number: 500799
 Deposit Account Name: Takeda Pharmaceutical Company

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below
 ☐ Charge fee(s) indicated below, except for the filing fee

☒ Charge any additional fee(s) or underpayments of fee(s) under 37 CFR 1.16 and 1.17
 ☒ Credit any overpayments

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

FEE CALCULATION (All the fees below are due upon filing or may be subject to a surcharge.)

1. BASIC FILING, SEARCH, AND EXAMINATION FEES

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	Fee (\$)	Small Entity Fee (\$)	
Utility	300	150	500	250	200	100	
Design	200	100	100	50	130	65	
Plant	200	100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional	200	100	0	0	0	0	

2. EXCESS CLAIM FEES

Fee Description	Fee (\$)	Small Entity Fee (\$)
Each claim over 20 (including Reissues)	50	25
Each independent claim over 3 (including Reissues)	200	100
Multiple dependent claims	360	180

Total Claims - 20 or HP = _____ x _____ = _____
 HP = highest number of total claims paid for, if greater than 20.

Indep. Claims - 3 or HP = _____ x _____ = _____
 HP = highest number of independent claims paid for, if greater than 3.

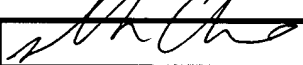
3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____	_____	_____

4. OTHER FEE(S)

Description	Fees Paid (\$)
Non-English Specification, \$130 fee (no small entity discount)	
Other (e.g., late filing surcharge): <u>Petition for Extension of Time</u>	120.00

SUBMITTED BY		
Signature 	Registration No. 37,293 (Attorney/Agent)	Telephone 847-883-3372
Name (Print/Type) Mark Chao, Ph.D., JD		Date 7/13/06

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Express Mail #EV 684 0852 73 US

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No.: 10/533,833

Filed: May 3, 2005

1st Inventor: Masahiro Kajino

For: Receptor Regulator

Atty. Dkt. No. 3116USOP

Art Unit: tba

Examiner: tba

Allowed:

Batch:

Paper No.:

Response to Notice of Missing Requirements Under 35 USC §371

MAIL STOP MISSING PARTS

Commissioner for Patents

P.O. Box 1450

Alexandria, VA 22313-1450

Sir:

On May 3, 2005, Applicants submitted an Application for filing in the USPTO. At that time, Applicants submitted a copy of the duly executed Declaration, together with a copy of an Assignment. Copies of the stamped and dated return postcard from the USPTO and an Express Mail Receipt from the United States Postal Service indicating the filing date is enclosed for your review.

In response to the Notice of Missing Requirements mailed April 19, 2006, Applicants respectfully submit a true and correct copy of the duly executed Declaration of the inventors previously submitted for the above-identified application filed May 3, 2005.

Also enclosed is a true and correct copy of the Assignment, and Assignment Recordation Cover Sheet previously submitted for the above-identified application filed May 3, 2005.

Applicants herewith authorize the Commissioner to charge the Applicants' USPTO deposit account 500799 for any fees deemed appropriate.

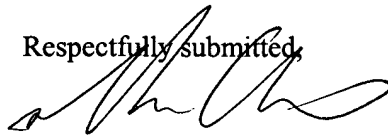
Early allowance of the claims is requested. Should the Examiner believe that a conference with applicants' attorney would advance prosecution of this application, the Examiner is respectfully invited to call applicants' attorney.

Dated: 7/13/06

(847)383-3372

(847)383-3391

Respectfully submitted,



Mark Chao, Ph.D., Reg. No. 37,293

Elaine M. Ramesh, Ph.D., Reg. No. 43032

Attorney for Applicants

Customer No. 23115



UNITED STATES PATENT AND TRADEMARK OFFICE

370

UNITED STATES DEPARTMENT OF COMMERCE
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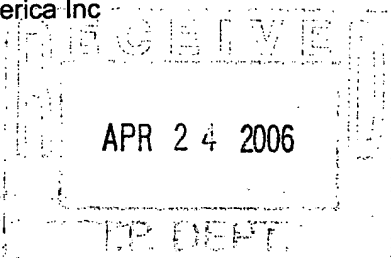
U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/533,833	Masahiro Kajino	3116 USOP

INTERNATIONAL APPLICATION NO.

PCT/JP03/14101

I.A. FILING DATE	PRIORITY DATE
11/05/2003	11/06/2002

Mark Chao
 Takeda Pharmaceuticals North America Inc
 475 Half Day Road
 Lincolnshire, IL 60069



CONFIRMATION NO. 7356

371 FORMALITIES LETTER



OC000000018563548

Date Mailed: 04/19/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 05/03/2005
- English Translation of the IA filed on 05/03/2005
- Copy of the International Search Report filed on 05/03/2005
- Copy of IPE Report filed on 05/03/2005
- Preliminary Amendments filed on 05/03/2005
- Information Disclosure Statements filed on 05/03/2005
- Biochemical Sequence Diskette filed on 05/03/2005
- Biochemical Sequence Listing filed on 05/03/2005
- Request for Immediate Examination filed on 05/03/2005
- U.S. Basic National Fees filed on 05/03/2005
- Assignment filed on 05/03/2005
- Priority Documents filed on 05/03/2005
- Specification filed on 05/03/2005
- Claims filed on 05/03/2005
- Paper nucleotide sequence listings filed on 05/03/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath

or declaration) as set forth in 37 CFR 1.492(h) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is **\$130** for a Large Entity:

- **\$130** Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

JOHN L ANDERSON

Telephone: (703) 308-9140 EXT 211

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/533,833	PCT/JP03/14101	3116 USOP

Application No.:	Based on PCT/JP2003/014101	Art Unit:	tba
Filed:	Intl. Filing 05 NOVEMBER 2003	Examiner:	tba
1 st Inventor:	Masahiro KAJINO	Allowed:	
For:	Receptor Regulator	Batch:	
Atty Dkt. No.	3116 USOP	Paper No.:	

The USPTO is requested to kindly acknowledge receipt of the following items:

1. This Postcard and Certificate of Express Mailing (2 pages)
2. Transmittal Letter for Filing under 35 USC 371 (2 pages X 2)
3. Specification - total pages (231) including Claims 1-28 (pages 216-223, Abstract (1 page) and Sequence Listing (7 pages)
4. Declaration and Power of Attorney (5 pages)
5. Copies of Forms PCT/IB/ 301,304, 306,308,332 (5 pages)
6. Copy of Cover Page International Application (WO 2004/041282) (1 page)
7. Copy of International Search Report (4 pages)
8. Preliminary Amendment (10 pages)
9. Information Disclosure Statement (1 page), Form PTO/SB/08A and PTO/SB/08B (2 pages), cited references (16)
10. Submission of Sequence Listing Requirements (1 page), CRF of Sequence Listing (4 pages), and IBM PC/AT format disk containing the CRF of the Sequence Listing.
11. Executed Assignment (2 pages) and Recordation Cover Sheet (1 page X 2)

Respectfully submitted 5/4/05 For Customer No. 23,115
Express Mail Label No. EV 524904300 US
By Mark Chao, PhD, JD - Reg. No. 37,293

JC03 Rec'd PCT/PTO 03 MAY 2009 370

Application No.:	Based on PCT/JP2003/014101	Art Unit:	tba
Filed:	Intl. Filing 05 NOVEMBER 2003	Examiner:	tba
1 st Inventor:	Masahiro KAJINO	Allowed:	
For:	Receptor Regulator	Batch:	
Atty Dkt. No.	3116 USOP	Paper No.:	

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5. Copies of Forms PCT/IB/ 301,304, 306,308,332 (5 pages)
6. Copy of Cover Page International Application (WO 2004/041282) (1 page)
7. Copy of International Search Report (4 pages)
8. Preliminary Amendment (10 pages)
9. Information Disclosure Statement (1 page), Form PTO/SB/08A and PTO/SB/08B (2 pages), cited references (16)
10. Submission of Sequence Listing Requirements (1 page), CRF of Sequence Listing (4 pages), and IBM PC/AT format disk containing the CRF of the Sequence Listing.
11. Executed Assignment (2 pages) and Recordation Cover Sheet (1 page X 2)

10/533833

Respectfully submitted 5/4/05 For Customer No. 23,115
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By Mark Chao, PhD, JD - Reg. No. 37,293



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 Total 0.00

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